

6/10/2003



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{Commercial label}

# **S-METHOPRENE BAIT**

[] indicates optional marketing text

[Ready To Use][Easy to Use] [No mixing required] [Highly visible yellow color shows where it's been applied] [1[can][bag] treats XXX [square feet][mounds] [Fire ant bait [with][Insect Growth Regulator] IGR] [Sterilizes the queen] [No withdrawal period or grazing restrictions on treated areas] [Stops the development of new mounds [Eliminates fire ant colonies] [Controls colonies you see and those you don't] [Treats mounds or the whole yard]

## **ACTIVE INGREDIENT:**

(S)-Methoprene (CAS# 65733-16-6)	0.5%
INERT INGREDIENT:	<u>99,5%</u>
Total	100.0%

EPA Reg. No. 53883 -

EPA Est. No.

# KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for additional precautionary statements

NET CONTENTS: \_\_\_\_\_

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

(Worker Protection Standard language in italics)

ACCEPTED JUN 10 2003 Under the Federal Insecticides. Pungicide. and Bodesticide Act.

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[Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.]

## [AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves
- Shoes plus socks]

### **GENERAL INFORMATION**

S-METHOPRENE BAIT contains an insect growth regulator (IGR) with specific activity to fire ants. [This product is highly effective, with a high specificity towards fire ants.] The IGR is contained in an attractive bait that foraging fire ant workers take back to the mound to feed to the queen. [IGR's are different from conventional products which provide a direct kill to fire ants.] IGR's work by affecting queen reproduction. [The effects of the treatment may not be immediately evident. IGR's are slower in activity than conventional products. Though slower in action, control is complete without the concern of rebounding or movement of the colony to another location.] Reduction in colony size can be seen beginning at three weeks with colony elimination within 8 to 10 weeks. When existing workers die, replacement workers are not produced resulting in starvation and elimination of the queen and colony.

#### OUTDOOR USE

#### APPLICATION SITES

S-METHOPRENE BAIT may be applied to, but not limited to, the following areas: residential turf and landscapes (around flowers, shrubs and trees), golf courses, [commercial nurseries including field grown and container stock, sod farms], parks, zoos, airports, roadsides, cemeteries, sport fields, school grounds, perimeter areas of buildings, homes, sheds, electrical and phone boxed, pump houses and other associated areas, [pastures, rangeland, citrus groves, cropland, forestry sites.]

### General

### **METHODS OF APPLICATION**

Application during the heat of the day or when rain is expected within 6 hours of application will reduce the effectiveness of this product. Moisture reduces the attractiveness of the bait in wet areas. In areas of

heavy infestation, repeat applications may be necessary 10 to 12 weeks following the initial application. [Reduction of fire ant colonies will be quicker when combined with [Brand Name] fire ant bait.]

### 1. INDIVIDUAL MOUND TREATMENTS

Treat all visible mounds with 3 to 5 tablespoons of S-METHOPRENE BAIT per mound. To treat the mounds, sprinkle the adjacent areas of the mound, applying evenly in a manner to encompass the mound to a perimeter of 4 feet. Do not disturb the mound during application. Worker ants will locate the bait quickly and begin taking it back to the mound.

### 2. BROADCAST APPLICATIONS

Apply S-METHOPRENE BAIT to areas at the rate of 1 to 1.5 pounds of product per acre [3.5 tablespoons/1000 sq. ft.] using suitable application equipment. Backpack, hand, or motorized mechanical equipment may be used. [Aerial applications can be made using either rotary or fixed wing aircraft. No withdrawal or grazing restrictions are necessary on treated areas.]

S-METHOPRENE BAIT may be used as a preventative application to reduce the buildup of fire ants into unwanted areas. Two to three broadcast applications per year are recommended to prevent the encroachment and subsequent development of new mounds into an area.

[For immediate relief, S-METHOPRENE BAIT may be used in combination with other EPA registered products for the control of fire ants. S-METHOPRENE BAIT should be applied simultaneously with other EPA registered bait products. When using a drench method, apply S-METHOPRENE BAIT 5 to 10 days prior to application of the drench. This application will assure more complete control should any remaining ants move from the drenched area to begin a new colony.]

Repeat applications may be made as often as fire ants are observed.

[When co-packed with [Brand Name] fire ant bait, the more stringent label will take precedence when treating for fire ants. Combination treatments with [Brand Name] fire ant bait] are highly effective in controlling fire ants. The dual action approach provides for quick kill of mounds that are seen and controls/ prevents new and unseen colonies from becoming a problem.]

#### 3. HOPPER BLEND

Blend S-METHOPRENE BAIT with other fire ant bait products such as [brand name(s)] or other bait products labeled for fire ant control. When blending products, the more restrictive label will apply. Use a 50/50 mix to blend S-METHOPRENE BAIT and other bait. For broadcast applications, mix the required amount of bait so that the application is made using 0.75 lb. of S-METHOPRENE BAIT and 0.75 lb. of the other bait for a total of 1.5 lbs. of total bait per acre. For mound treatments, blend a 50/50 mix of S-METHOPRENE BAIT and other bait and apply at the rate of 3-5 tablespoons per mound.

Treatment	Rate	Comments
Broadcast Treatment	0.75 lb S-METHOPRENE BAIT plus 0.75 lb. Other bait product per acre	Mix bait products together thoroughly prior to application; distribute bait uniformly with ground (granular spreaders) or aerial equipment.
Individual Mound Treatment	50/50 mix of S-METHOPRENE BAIT plus other bait. Apply blended product at 3-5 tablespoons per mound	Mix thoroughly and apply product around and on the mound.

#### **RATES AND TIMING**

Observe all restrictions and precautions which appear on all product labels.

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## 4. REFILLABLE BAIT STATIONS

S-METHOPRENE BAIT may be used in refillable bait stations. Place up to 1 oz. of S-METHOPRENE BAIT per refillable bait station. Locate stations along the perimeter of a structure or fence line with 1 station every 15-30 linear feet. Locate stations near potential an entry points of a structure or near locations where ants are a problem. Examples include: weep holes, foundation vents, stairs, decks, patios, picninc areas, utility areas, and other areas frequented by ants. Inspect stations frequently and replenish bait if soiled or wet. Affix sticker to bait station indicating its contents.

### INDOOR AREAS

Use S-METHOPRENE BAIT in homes, residences (apartments, nursing homes), commercial buildings and warehouses, and other structures where ants may enter. Also for use in non-food/feed areas of institutions, restaurants, commercial food processing areas, including poultry and livestock operations. Apply bait as a crack, crevice, and void application or to areas that are inaccessible such as attics or crawlspaces and wall voids. Apply 0.25 - 0.50 oz. per crack, crevice, or void. For use in attics or crawlspaces, use 0.25 oz. per 100 square feet in those areas that are inaccessible to children or pets.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

	FIRST AID
If in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
Have the proc treatment.	luct container or label with you when calling a poison control center or doctor, or going for

(Worker Protection Standard in italics.)

# [Personal Protective Equipment (PPE):

WPS USES:

Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170)- in general, agricultural-plant uses are covered-must wear: Long-sleeved shirt and long pants Chemical-resistant gloves Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **Engineering Controls Statements:**

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6], the handler PPE requirements may be reduced or modified as specified in the WPS.]

**[User Safety Recommendations:** Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- After handling this product, immediately wash the outside of gloves before removing them, then remove gloves and all other PPE. Immediately wash thoroughly and change into clean clothing.]

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of rinsate or equipment washwaters.[Do not pour product or rinse water down any drain.]

## STORAGE and DISPOSAL

Storage: Do not contaminate water, food, or feed by storage and disposal.]
Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. ] Container disposal: Plastic [Paper] bags - Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. Plastic Containers - Triple rinse (or equivalent). Then offer for recycling or recondition, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Composite Can: Do not re-use container. Securely wrap partially filled or empty container in newspaper and put in trash.

[WARRANTY AND CONDITION OF SALE:

Seller makes no warranty, express or implied, concerning the use and handling of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are not in accordance with label directions.]

**INOTE:** CONTROL SOLUTIONS, INC. WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL AND IS REASONABLY FIT FOR THE PURPOSES STATED ON THE LABEL WHEN USED IN ACCORDANCE WITH THE DIRECTIONS FOR USE. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF CONTROL SOLUTIONS, INC. TO THE EXTENT PERMITTED BY LAW CONTROL SOLUTIONS, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, CONTROL SOLUTIONS, INC. MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND CONTROL SOLUTIONS, INC. TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.]

> Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041

# **S-METHOPRENE BAIT**

[] indicates optional marketing text

[Ready To Use] [An Insect Growth Regulator For Control Of Fire Ants] [Long Lasting Control] [Plus] Stops new mounds from starting [Eliminates the colony] [Controls mounds you see plus those you don't] [Treats the whole yard] [Treats up to 20,000 square feet] [10 oz] [1[can][bag] treats XXX [square feet][mounds]

#### **ACTIVE INGREDIENT:**

(S)-Methoprene (CAS# 65733-16-6)	0.5%
INERT INGREDIENT:	<u>99.5%</u>
Total	100.0%

## KEEP OUT OF REACH OF CHILDREN CAUTION See back panel for additional precautionary statements

### NET CONTENTS:

# **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### WHERE TO USE

Throughout your yard including:

- On lawns
- Perimeter of home
- Around flowers, shrubs and trees
- Around fruits\* and vegetables\*
- \* keep off edible plant parts

# AMOUNT TO USE

- Visible Mound application: 3 to 5 tbls. for each mound
- Broadcast application: 3 tbls. for each 1000 square feet

### Tbls = tablespoon

### HOW TO APPLY

Visible Mound Application

Sprinkle bait evenly over and around each mound in a 4 ft. diameter circle. Apply gently to avoid disturbing ants.

## **Broadcast application**

Treat entire yard. Use hand held broadcast spreader.

## To Speed-up Kill/Control of Fire Ants/ For quick Kill/Control of Fire Ants/ For immediate Control of Fire Ants/ For faster Kill/Control of Fire Ants

For immediate relief of fire ant mounds and for the control of mounds that you may not see, use a 2-step approach. The 2-step approach is a program that includes using an EPA registered product for use to provide immediate control of mounds that you see, and using S-METHOPRENE BAIT for mounds that you don't see. For immediate relief, apply the immediate kill product to each mound you see following the directions for that product. Once the visible mounds have been treated, apply S-METHOPRENE BAIT as a broadcast treatment to control the mounds that you don't see.

## WHEN TO APPLY

- Apply at first sign of fire ant activity
- Avoid application during the heat of the day or when rain is expected within 6 hours.
- Reapplication can be made in 10 to 12 weeks if ants reappear. [Wait 10 to 12 weeks between applications.]

### WHEN TO WATER LAWN

- Allow lawn to dry from dew or watering before application.
- Do not water lawn for 48 hours after application.

## HOW IT WORKS

This product is an insect growth regulator (IGR) combined with a bait attractive to fire ants. Fire ants find the bait quickly, take it back to the mound, and feed it to the queen. As a result the queen cannot produce new ants. Without new ants to forage for food, the entire colony starves. [Reduction in colony size can be seen beginning at three weeks with colony elimination within 8 to 10 weeks. When used with an EPA registered product for control of adult fire ants, control of visible results is immediate, and the building of new mounds by unnoticed colonies is prevented.]

### INDOOR USE

Use S-METHOPRENE BAIT indoors in homes or residences. Apply bait as a crack, crevice, and void treatment to areas that are inaccessible such as attics or crawlspaces and wall voids. Apply 2 teaspoons to 1 tablespoon per crack, crevice, or void. For use in attics or crawlspaces, use 2 teaspoons per 100 square feet in those areas that are inaccessible to children or pets.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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Have the pro treatment.	duct container or label with you when calling a poison control center or doctor, or going for

# ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not pour product or rinse water down any drain.

# **Storage and Disposal**

Storage: Store in original container in safe place.

**Disposal: If empty:** Don not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with label directions.

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